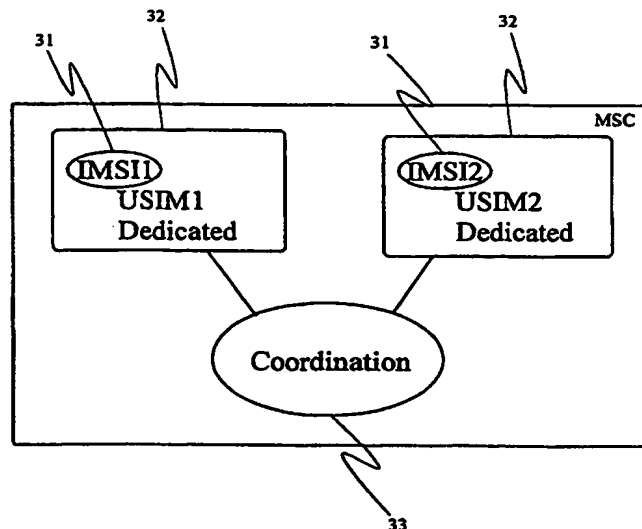


INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : H04Q 7/00		A2	(11) International Publication Number: WO 00/41409
			(43) International Publication Date: 13 July 2000 (13.07.00)
(21) International Application Number: PCT/FI99/01091 (22) International Filing Date: 29 December 1999 (29.12.99) (30) Priority Data: 982823 30 December 1998 (30.12.98) FI (71) Applicant (for all designated States except US): NOKIA NETWORKS OY [FI/FI]; P.O. Box 300, FIN-00045 Nokia Group (FI). (72) Inventors; and (75) Inventors/Applicants (for US only): BÄCK, Juha [FI/FI]; Kulosaaren puistotie 44 B 22, FIN-00570 Helsinki (FI). EINOLA, Heikki [FI/FI]; Kaksoiskiventie 7-9 B 5, FIN-02760 Espoo (FI). HULKKONEN, Tony [FI/FI]; Kauppakartanonkatu 26 H 93, FIN-00930 Helsinki (FI). HUOTARI, Seppo [FI/FI]; Albergan esplanadi 4 B 31, FIN-02600 Espoo (FI). LAHTINEN, Lauri [FI/FI]; Kurkijoentie 7 B, FIN-02140 Espoo (FI). LAITINEN, Lauri [FI/FI]; Tornitasa 3 A 33, FIN-02120 Espoo (FI). LINDHOLM, Heikki [FI/FI]; Peräsin 3 D 2, FIN-02320 Espoo (FI). RAJANIEMI, Jaakko [FI/FI]; Lapinrinne 2 A 11, FIN-00180 Helsinki (FI).			(74) Agent: BERGGREN OY AB; P.O. Box 16, FIN-00101 Helsinki (FI). (81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published Without international search report and to be republished upon receipt of that report.

(54) Title: MANAGEMENT OF MULTIPLE SUBSCRIBER IDENTITIES



(57) Abstract

The invention disclosed here relates to the management of multiple subscriber identities (31) in one and the same mobile station (MS) in a third-generation mobile communication system. The MM layer in a mobile communication network is arranged so as to be divided into at least two parts in the first of which it is managed the common functions of said subscriber identities (31) and in the second part of which it is managed the subscriber-specific functions of the individual subscriber identities (31). Advantageously a common identity is arranged for the subscriber identities (31) so that said individual subscriber identities (31) may be reached through said common identity. The information of the common identity of said subscriber identities (31) is updated in the mobile communication network e.g. in conjunction with a location update. The information of the common identity may also be updated in conjunction with other corresponding functions.